

IN THE CLAIMS:

Cancel claim 9.

1. (Amended) A light scanning device for exciting and detecting secondary light, especially fluorescent light, on a sample (22), comprising

a light emission device (10) for emitting exciting light (11) with a wavelength suitable for exciting secondary light on or in said sample (22),

B1 a focussing optics (34, 44) for focussing the exciting light on a subarea of said sample (22),

a sample holding device (20, 21) for releasably holding the sample (22), and

a detection unit comprising a detection optics (32, 42) for the secondary light emitted by the sample in response to excitation and a detector device (31, 41) for converting the detected and imaged secondary light into electric signals,

[characterized in that] wherein the sample holding device is adapted to be rotated for rotating the sample relative to the exciting light [in such a way] so that different subareas of said sample can be excited by means of the exciting light so as to emit secondary light, and

there are at least two respectively associated pairs of said focussing optics and said detection units.

2. (Amended) A light scanning device for exciting and detecting secondary light, especially fluorescent light, on a sample (22), comprising

a light emission device (10) for emitting exciting light (11) with a wavelength suitable for exciting secondary light on or in said sample (22),

a focussing optics (34, 44) for focussing the exciting light on a subarea of said sample (22),

a sample holding device (20, 21) for releasably holding the sample (22), and

a detection unit comprising a detection optics (32, 42) for the secondary light emitted by the sample in response to excitation and a detector device (31, 41) for converting the detected and imaged secondary light into electric signals,

[characterized in that] wherein the focussing optics (34, 44) is rotatably supported so as to conduct the exciting light along a circular arc on the sample, and

there are at least two respectively associated pairs of said focussing optics and said detection units.

Claim 3, line 1, change "~~characterized in that~~", to
-- wherein--.

Claim 4, line 1, change "~~characterized in that~~", to
-- wherein --.

Claim 5, line 1, change "~~characterized in that~~", to
-- wherein --.

Claim 6, line 1, change "~~characterized in that~~", to
-- wherein --.

Claim 7, line 1, change "~~characterized in that~~", to
-- wherein --.

Claim 8, line 1, change "~~characterized in that~~", to
-- wherein --.

Claim 10, line 1, change "~~9, characterized in that~~", to
-- 1 or 2, wherein --.

Claim 11, line 1, change "~~characterized in that~~", to
-- wherein --.

Claim 12, line 1, change "~~characterized in that~~", to
-- wherein --.

Claim 13, line 1, change "~~characterized in that~~", to
-- wherein --.

Claim 14, line 1, change "~~characterized in that~~", to
-- wherein --.